



# Certificate of Compliance

**Certificate:** 1018431

**Master Contract:** 191105

**Project:** 80133090

**Date Issued:** 2022-11-28

**Issued To:** AirSep Corporation  
260 Creekside Dr  
Buffalo, New York, 14228-2070  
United States

**Attention:** Ted Vlahopoulos

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



**Issued by:** Wan Peng Han  
Wan Peng Han

## **PRODUCTS**

CLASS - C872106 - ELECTRICAL LABORATORY EQUIPMENT Electrical Laboratory Equipment

CLASS - C872186 - ELECTRICAL LABORATORY EQUIPMENT Certified to US Standards

## **PART A**

Oxygen separation units, fixed, cord-connected

Models: AS-A, AS-B, AS-D, AS-D+, AS-E, AS-G, AS-J, AS-K, AS-L, AS-N, AS-P, AS-Q, AS-R, AS-W, AS-Z

Rated: 110/120 Va.c., 60 Hz, 3.0 A or 240 Va.c., 50 Hz/60Hz, 1.0 A

## **PART B**

Nitrogen generator, fixed, cord-connected

Models: N2-AS-D+, N2-AS-E, N2-AS-G, N2-AS-J, N2-AS-K, N2-AS-L, N2-AS-N, N2-AS-P, N2-AS-Q, N2-AS-R, N2-AS-Z

Rated: 110/120 Va.c., 50/60 Hz, 3.0 A or 240 Va.c., 50/60 Hz, 1.0 A



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**Notes:**

1. The above models are cord connected, Equipment Class I, Pollution Degree 2, Installation Category II.
2. Mode of operation: Continuous.
3. Environmental Conditions: Normal: 4 to 40 C, 2000 m max, 0 to 80% rH.

**APPLICABLE REQUIREMENTS**

- |                              |  |
|------------------------------|--|
| CAN/CSA-C22.2 No. 61010-1-12 | - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements  |
| UL Std. No. 61010-1:2012     | - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements |

**Notes:**

Products certified under Class C872106, C872186 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)





## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### Product Certification History

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<b>Project</b>	<b>Date</b>	<b>Description</b>
80133090	2022-11-28	Update cCSAus report 1018431 (80115139) to include alternate components to CCL. EMI Filter, Terminal Block, VDC Power Supply, Fuses and relays for PLC outputs.
80115139	2022-04-11	Update to cCSAus report 1018431 (70132743) to include alternate MAINS transformer by Hammond; Group F, model # PH250PP to the critical components listing
70132743	2017-09-14	Re-testing to update of report 1018431 (project 2591581) to upgrade to 61010-1 3rd Edition and cover cCSAus Certification of new Nitrogen Concentrator model number series.
2591581	2013-06-24	Address FIR findings of June 8/11, Oct 19/11, & Aug 22/12.
2342553	2011-03-24	Update to C22.2 No. 61010-1-04 and UL 61010-1. Addition of models AS-D+, AS-P and AS-W. Removal of models AS-20, AS-45, AS-80, AS-160, AS-250, AS-450, AS-750, AS-1000, and AS-1250. Evaluation of alternate components. Correction of factory test values.
1577889	2004-07-28	Alternate model designation AS-A, AS-B, AS-D, AS-E, AS-G, AS-J, AS-K, AS-L, AS-N, AS-Q, AS-R, AS-Z, and alternate pressure switch Type 836
1457595	2003-07-31	Addition of 115V isolation transformer A41, controller ZEN 10C2AR, models AS 750, -1000, and 1250